

PRODUCT DATASHEET

HQI-E 400 W/N/SI CO

POWERSTAR HQI®-E coated 250...400 W | Metal halide lamps with quartz technology for enclosed luminaires



Areas of application

- Factories and workshops
- Exhibition halls and trade fairs
- Sports halls and multi-purpose halls
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

Product benefits

- E40 screw base for simple lamp handling
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

Product features

- POWERSTAR® quartz technology
- Light colors: neutral white (NDL), daylight (D)

TECHNICAL DATA

Electrical data

Nominal wattage	400 W
Construction wattage	395.10 W
Nominal voltage	220 V
Ignition voltage	0.75/1.3 kVp ¹⁾
Nominal current	3.25 A
PFC capacitor at 50 Hz	45 µF

1) Minimum / Maximum

Photometrical data

Luminous flux	32000 lm
Color temperature	4100 K
Color rendering index Ra	65
Light color	641
Rated LLMF at 2,000 h	0.80
Rated LLMF at 4,000 h	0.70
Rated LLMF at 6,000 h	0.66
Rated LLMF at 8,000 h	0.60
Rated LLMF at 12,000 h	0.50
Rated lamp efficacy (standard co.)	92 lm/W
UV protection	Yes

Dimensions & Weight

Overall length	280.00 mm
Diameter	122.00 mm
Product weight	248.00 g

Temperatures & operating conditions

Maximum permitted outer bulb temperature	400 °C
Maximum permitted base edge temperature	250 °C

Lifespan

Rated lamp survival factor at 2,000 h	0.95
Rated lamp survival factor at 4,000 h	0.88
Rated lamp survival factor at 6,000 h	0.80
Rated lamp survival factor at 8,000 h	0.72
Lifespan B50	10000 h

Operation mode LLMF/LSF	50 Hz
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Additional product data

Base (standard designation)	E40
Mercury content	60.7 mg
Mercury-free	No
Design / version	Coated

Capabilities

Burning position	Any
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Country-specific categorizations

ILCOS	ME/UB-400/637-H/S/SL-E40-117.5/297
Order reference	HQI-E 400W/N/SI

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E40
Length	280.00 mm
Height	122.00 mm
Width	122.00 mm

Safety advice

- Do not stare at the operating light source: The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 4 m is not expected.
- Disconnect mains before installation.
- Must not be used if outer bulb is defective.
- Lamp to be used only in a closed luminaire.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321278463	Round wrap 1	392 mm x 411 mm	298.00 g	
4008321278470	Shipping box 12	493 mm x 378 mm x 314 mm	4414.00 g	58.52 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.